

**ANTI-VIBRATION MECHANISM FOR LOCK NUTS****ABSTRACT OF THE DISCLOSURE**

An anti-vibration mechanism for lock nuts is disclosed. The invention is made up of a cylindrical tube having a hex nut midway along its length and external threads on each side of the hex. One of the threaded ends is adapted to have an internally threaded, knurled collar screwed onto it. To ensure this collar does not vibrate loose, a groove is machined into the threaded zone on which the knurled collar is to be screwed and an elastomeric O-ring is fitted into this groove. When the knurled sleeve is tightened, there is an increased frictional engagement between the O-ring and the threaded inner diameter of the knurled collar preventing loosening of the collar.